

Oil Field Environmental Incident Summary

Incident: 20140311021915 **Date/Time of Notice:** 03/11/2014 02:19

Responsible Party: CONTINENTAL RESOURCES, INC.

Well Operator: CONTINENTAL RESOURCES, INC.

Well Name: GALE/RODNEY ECOPAD

Field Name: CEDAR COULEE

Well File #: 22434

Date Incident: 3/10/2014

Time Incident: 14:15

Facility ID Number:

County: DUNN

Twp: 147

Rng: 96

Sec: 29

Qtr:

Location Description: well location and adjacent ephemeral drainage

Submitted By: Todd Senescall

Received By:

Contact Person: Todd Senescall

PO BOX 268870

OKLAHOMA CITY, OK 73126

General Land Use: Other - Described Above

Affected Medium: Soil and Water

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident Valve/Piping Connection Leak

Release Contained in Dike No

Reported to NRC: Yes

	Spilled	Units	Recovered	Units	Followup	Units
Oil	3	Barrels	1	Barrels		

Brine

Other

Description of Other Released Contaminant:

Inspected:

Written Report Received:

Clean Up Concluded:

Risk Evaluation:

none

Areal Extent:

Approx. 1200 linear feet of drainage

Potential Environmental Impacts:

soil and surface water

Action Taken or Planned:

Piping isolated, booms and absorbent pads placed in the drainage to soak up oil and prevent release further downstream. Booms and other absorbent products were installed at entrance to the stock dam. Potential impact to the stock dam will be evaluated in daylight. Oil will be recovered with absorbent pads and recovery of contaminated snow, ice and soil. Ashleigh Devenberg was notified @ 17:11 and the NDDH @ 18:33.

Wastes Disposal Location: TBD

Agencies Involved: Local Law Enforcement

Updates

Date: 3/11/2014 **Status:** Reviewed; Followup Required **Staff:** Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

According to the incident summary, this spill impacted areas off of location. Followup is necessary.

Date: 3/11/2014 **Status:** Inspected; More Followup Required **Staff:** Miller, Adam

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 0945 MT. Met with Todd Senescall of CRI on location. Todd and I walked the drainage into which the oil was lost. Oil contamination is nearly constant for 1/4 to 1/2 mile along the length of the drainage. Many absorbent pads and booms are in place, but much contaminants were missed in the dark last night. When we got to the stock pond, it is evident that the pond has been contaminated, evidenced by oil film frozen into the top layer of the ice. Todd and I discussed potential cleanup techniques as the landowners involved do not want heavy equipment brought in, citing potential land damage. We discussed putting protection on the outlet of the stock pond in case it should start to overflow. Todd called Absorbent and Safety Solutions (ABS) to mobilize cleanup materials, absorbent pads and booms, and possibly boats to clean up the stock pond. At approximately 1045 MT, ABS arrived on site with absorbent materials. NDIC inspector Ashleigh Devenberg arrived on location and was briefed on the situation.

Date: 3/19/2014 **Status:** Inspected; More Followup Required **Staff:** Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 30 °F, with wind from the northwest at 5 mph. The area around the pad was cleaned up; the cleanup crews still had work to do in the wooded draw to the west. Did not see any heavy oil in the wooded draw; they left the pump going. They are pumping water from the west in the draw to the east. More followup is required in the near future.

Date: 4/23/2014 **Status:** Inspected; More Followup Required **Staff:** Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 53 °F, with wind from the northwest 20+ miles per hour. The spill area has been cleaned up, and erosion measures have been placed in the drainage. More followup later this summer to check on vegetative growth in the drainage.

Date: 7/16/2014 **Status:** Inspected; More Followup Required **Staff:** Stockdill, Scott

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location 7/16/2014.

Drove through the well location. Determined that a full inspection shouldn't be done until the landowner and Continental are present.

More followup is necessary.

Date: 8/14/2014

Status: Post-inspection Update

Staff: Espe, Brady

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

The weather was 71 °F, with wind from the southeast 20 mph. I met with company personnel and the landowner. We went to the west side of the drainage and looked at the two areas where the water pooled. These areas looked good, and the vegetation look good. I also looked at the vegetation in the area near the pad, and it looks goods. Sample results look good; the highest numbers are near the spill area. A second sample was taken recently, and it shows the numbers are going down. S 200 was sprayed on the impacted area. Everything looks good; no further followup needed at this time.